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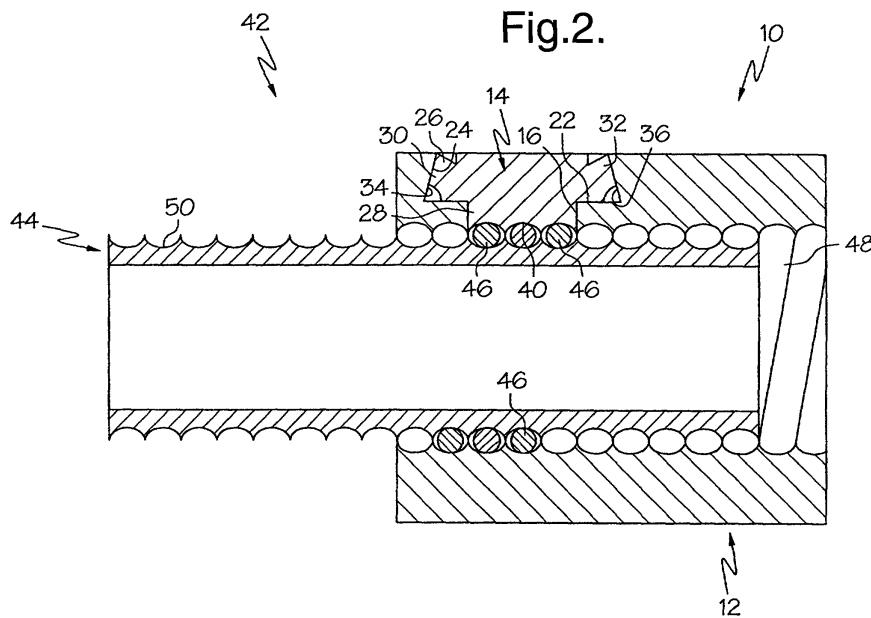
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(54) Ball-nut assembly and method for making

(57) A ball-nut assembly (10) includes a ball nut (12) and a crossover member (14). The ball nut includes a radial through slot (16) and an outer surface (18). The outer surface has a first portion (20), has a ledge (22) radially recessed from the first portion and at least partially bounding the through slot, and has an undercut wall (24) connecting the ledge and the first portion. The cross-

over member has a flange (26) and a crossover-grooved portion (28). A method for making a ball-nut assembly positions the crossover member from outside the ball nut to have the flange supported by the ledge and the cross-over-grooved portion located in the through slot. The method also deforms the flange creating a staked portion (30 and 32) of the flange which contacts the undercut wall of the outer surface of the ball nut.



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The present search report has been drawn up for all claims			
1	Place of search Munich	Date of completion of the search 27 February 2006	Examiner Masset, C-I
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			
T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

ANNEX TO THE EUROPEAN SEARCH REPORT
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